



KOREAN INTELLECTUAL PROPERTY OFFICE

## KOREAN PATENT ABSTRACTS

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(54) ENCODING/DECODING METHOD FOR ANIMATION FILE INCLUDING IMAGE AND SOUND AND COMPUTER READABLE MEDIUM STORING ANIMATION FILE ENCODED BY THE ENCODING METHOD

(57) Abstract:

PURPOSE: An encoding/decoding method for animation file including image and sound is provided to encode/decode an animation motion picture, in which sound and special effect are added to various images, with high compression ratio.

CONSTITUTION: An animation motion picture including sound is encoded by receiving, from a user, compression scheme selection information, image output information for each of images and sound output information for a selected sound file, compressing each of the images to generate image data, generating image header information including the compression scheme selection information and the image output information, generating file header information including the number of images and the sound output information, and combining the header information for each image and sound data in the selected sound file to generate an animation motion picture file. The animation motion picture including sound is decoded by extracting sound data, image header information and data for each image using file header information, recovering each image using the compression scheme selection information, displaying the images, and outputting the sound data using the sound output information.

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## Legal Status

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